

**SAFETY, FIRE PROTECTION
AND HEALTH SPECIFICATION**

7 May 97

KC-10 AIRCRAFT

CONTRACTOR LOGISTICS SUPPORT(CLS)

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PREPARED BY: OC-ALC/SEGE

SECTION I - GENERAL REQUIREMENTS

A. Safety Program Requirements. The contractor will implement a safety program that ensures protection of Government personnel and property: The program will consist of, as a minimum:

1. Mishap notification/reporting as defined in paragraph IB below.
2. A Safety Plan that addresses, as a minimum, the subjects listed in Safety Plan Elements, Section II and to be used during performance of the work described in THE CONTRACT. The Safety Plan will be approved by the procuring Safety Office prior to commencement of any work described in this contract.
 - a. Identification of segregated work site locations for operations that cannot be co-mingled with general industrial operations, (i.e. fuel/defuel, engine runs, hazardous storage, and etc). A process for ACO approval of these operations/locations and changes.
 - b. Routine and recurring surveillance of the procedures listed in the Safety Plan.
 - c. Competent personnel to provide surveillance of the Safety Plan.
 - d. If the safety plan is modified, the contractor shall submit the proposed modification, in writing, to the Contract Administration Office safety representative. Approval shall be received prior to implementing the modification.

B. Mishap Notification

1. The contractor shall notify the procuring Safety Office and the ACO, or a designated Government Representative (GR) within one (1) hour of all mishaps or incidents at or exceeding \$2,000 (material + labor) in damage to DoD property entrusted by this contract. This notification requirement shall also include Foreign Object Damage (FOD) and physiological mishaps/incidents. A written copy of this mishap/incident notification shall be sent within three calendar days to the GR, who will forward it to the Procuring Safety Office. For information not available at the time of initial notification, the contractor shall provide the remaining information no later than 20 calendar days after the mishap, unless extended by the ACO.
2. Mishap notifications shall contain, as a minimum, the following information:
 - a. Contract, Contract Number, Name and Title of Person(s) Reporting
 - b. Date, Time and exact location of accident/incident
 - c. Brief Narrative of accident/incident (Events leading to accident/incident)
 - d. Cause of accident/incident, if known
 - e. Estimated cost of accident/incident (material and labor to repair/replace)
 - f. Nomenclature of equipment and personnel involved in accident/incident
 - g. Corrective actions (taken or proposed)
 - h. Other pertinent information

3. If requested by Government Personnel or designated government representative, the contractor shall immediately secure the mishap scene/damaged property and impound pertinent maintenance and training records, until released by the Procuring Safety Office.
- C. Provide a process for ensuring subcontracts requiring subcontractors to comply with the safety provisions of this contract, as applicable.
- D. Safety requirements listed herein that do not concern contractor’s operations or services shall be considered self-deleting as mutually agreed by the contractor and the ACO.

SECTION II - SAFETY PLAN ELEMENTS

The contractor prepared Safety Plan shall clearly define procedures, personnel qualifications, facilities and required equipment, and other attributes necessary to fulfill the following elements. Each attribute shall meet or exceed the indicated benchmarks.

SAFETY REQUIREMENTS

<u>Element/Requirement</u>	<u>REFERENCED BENCHMARK</u>
Mishap Notification/Reporting	AFI 91-204
Aircraft Towing/Parking/Mooring	AFI 11-218, AFR 55-22, AFOSH Std 127-100, and applicable -2 T. O.
Grounding and Bonding	T.O. 00-25-172
Fuel/Defuel, Fuel Tank/Cell Repair Operations	AFOSH Std 91-38, DoD 4140.25M, T.O. 00-25-172, T.O. 1-1-3, and applicable Aircraft Operations T. O.s
On-Aircraft Engine Operation	AFI 11-218, and applicable Aircraft T.O.s
Engine Test Facility	T.O. 2J-J1-18
Removal and Installation of Aircraft Engines	T.O. 2J-1-18 and applicable -2 Aircraft T.O.
Hangaring of Fueled Aircraft	T.O. 1-1-300, T.O. 1-1-3 and NFPA 409
Aircraft Cleaning Operations	T.O. 1-1-691 and applicable Aircraft T.O.s
Aerospace Vehicle Painting and Paint Removal	T.O. 1-1-8, T.O. 42A-1-1, applicable Aircraft T.O.s and NFPA 410

Corrosion Removal/Treatment	TO 1-1-691 and applicable Aircraft T.O.s
Material Handling Equipment (MHE)	AFOSH Std 91-46, applicable ANSI Stds, and Manufacturers Specifications
Aircraft Jacking Operations	AFOSH Std 127-100, applicable -2, -3 and 35A2 T. O.s, and ANSI B30.1
Handling, Storage and use of Flammable/Combustible Liquids	AFOSH Std 127-43, DoD 4140.25M (for POL Storage), NFPA 30, and NFPA 33
System modifications which alter form, fit or function	AFI 91-202 and MIL Standard 882C
Batteries	AFOSH Standard 91-66
Liquid Gaseous oxygen/cryogenics	AFOSH Std 91-66 , AFOSH Std 127-67, T.O. 00-25-172, T.O. 42B6-1-1 and manufacturer's criteria
Housekeeping	AFOSH Std 91-66
Work Stands/Platforms	AFOSH Std 91-2 and -35 series T.O.s
Welding	AFOSH Std 91-5, NFPA 51B and 410
Adverse Weather Warnings	AFR 55-22, (DoD Joint reg DLAM 8210.1)
Foreign Object Damage (FOD) Prevention	AFI 21-101, AFMCI 21-107, AFMCI 21-122; and The National Aerospace Committee Manual "FOD Prevention Industrial Standard" (1-800-FOD-1121) Rev B Jan 96
Explosive Safety Requirements	AFJMAN 23-210, AFMAN 91-201; AFMAN 24-204; DoD 4145.26M; T.O. 11A-1-46 and 11 series T.O.s
Facility Fire Protection	AFMCI 91-101, NFPA 13, 70, 72, 409 and NFPA 410
Airfield Rescue and Firefighting	AFMCI 91-101
Airfield Criteria	AFMCI 91-101

SECTION III - BIBLIOGRAPHY OF PUBLICATIONS/DIRECTIVES

These publications/directives and all supplements/changes thereto apply to the extent required by the provisions of Sections I, and II. Subject directives are not included as a part of the solicitation/bid/contract and must be requested through the ACO/PCO.

AFI 11-218	Sep 94	Aircraft Operation and Movement on the Ground
AFI 21-101	Aug 94	Maintenance Management of Aircraft
AFI 91-202	Oct 95	USAF Mishap Prevention Program
AFI 91-204	Apr 96	Safety Investigations and Reports
AFR 55-22 Vol I, Chap 1-9	Nov 91	Contractor's Flight and Ground Operations
AFMAN 24-204	Nov 94	Preparation of Hazardous Materials for Military Air Shipment
AFMAN 91-201	Aug 94	Explosive Safety Standards
AFJMAN 23-210	Apr 94	Joint Service Manual (JSM) for Storage and Materials
AFMCI 21-107	Nov 94	Tool Control and Accountability Program
AFMCI 21-122	Aug 96	Foreign Object Damage (FOD) Prevention Program
AFMCI 91-101	May 94	Minimum Airfield ARFF Services, and Hangar Fire Protection Requirements for Aircraft Contracts
AFOSH Std 91-2	Dec 93	Vehicle-Mounted Elevating and Rotating Work Platforms, Manually-Propelled Mobile Work Platforms, and Scaffolds (Towers)
AFOSH Std 91-5	Apr 95	Welding, Cutting and Brazing
AFOSH Std 91-38	Aug 94	Hydrocarbon Fuels - General
AFOSH Std 91-46	Feb 97	Materials Handling and Storage Equipment
AFOSH Std 91-66	Jan 95	General Industrial Operations
AFOSH Std 127-43	Sep 80	Flammable and Combustible Liquids

AFOSH Std 127-67	Apr 87	Liquid Nitrogen and Oxygen Safety
AFOSH Std 127-100	Nov 92	Aircraft Flight Line - Ground Operations and Activities
T.O. 00-25-172	Feb 87	Ground Servicing of Aircraft and Static Grounding/Bonding
T.O. 1-1-3	Aug 89	Inspection and Repair of Aircraft Integral Tanks and Fuel Cells
T.O. 1-1-8	Sep 89	Application and Removal of Organic Coatings, Aerospace and Non-Aerospace Equipment
T.O. 1-1-300	Jul 91	Acceptance/Functional Check Flight and Maintenance Operation Checks
T.O. 1-1-691	Jul 88	Aircraft Weapons Systems-Cleaning and Corrosion Control (Multiple Aircraft)
T.O. 2J-1-18	Feb 93	Preparation for Shipment and Storage of Gas Turbine Engines
T.O. 2J-J1-18	Aug 62	General Engine Test and Test Cell Instr -- Aircraft Turbojet, Turbofan, Ground Power and Airborne Support Turbine Engine
T.O. 11A-1-46	Nov 85	Firefighting Guidance, Transportation and Storage Management Data, and Ammunition Complete Round Chart
T.O. 35A2	Series	Platforms/Jacks
T.O. 42A-1-1	Dec 85	Safety, Fire Prevention and Health Promotion Aspects of Painting and Paint Removal
T.O. 42B6-1-1	Jun 75	Quality Control of Oxygen Propellant Liquid Oxygen, Aviators Liquid Breathing Oxygen and Gaseous Breathing Oxygen Applicable Aircraft T.O.
DoD 4140.25-M	Jun 94	Procedures for the Management of Petroleum Products
DoD 4145.26-M	Mar 86	DOD Contractor's Safety Manual for Ammunition and Explosives
MIL-STD-882C	Jan 93	Military Standard System Safety Programs
ANSI B-30 Series		

National Electric Code (NEC)(NFPA 70)

National Fire Code (NFPA)

The National Aerospace Committee Manual “Foreign Object Damage (FOD) Prevention Industrial Standard”, REV B, Jan 96 ,(1-800-FOD-1121)

All statements in the above references reading "may" or "should" shall be interpreted as "shall".